

Monitoring Plan for Innovation Hub

Mandatory inputs for the month of: August 2022

1. Name of the Unit/Sc. Centre: Arunachal Pradesh Science Centre
2. Date of inauguration of innovation hub: 8 December 2018
3. Area of the innovation hub: 2500 sq
4. List of activities undertaken:

25th August: Ideation & Robotics Awareness workshop:

A workshop on ideation and robotics was conducted by Innovation Hub, Arunachal Pradesh Science Centre at Govt. Higher Secondary School, Arunodaya. The main objective of the programme was to inculcate the young minds about innovation and robotics. Students were asked to participate in robotics training programme in innovation hub for upcoming robotic competition.

Total Participants: 37



26th August: Ideation & Robotics Awareness workshop:

A workshop on ideation and robotics was conducted by Innovation Hub, Arunachal Pradesh Science Centre at Govt. Higher Secondary School, Ganga. The main objective of the programme was to inculcate the young minds about innovation and robotics. Students were asked to participate in robotics training programme in innovation hub for upcoming robotic competition.

Total Participants: 41



28th August: Robotics Training Program in Innovation hub

Student of GOVT HSS Arunodaya was given basic knowledge on Lego EV3 Mindstorms. A total of 21 students participated and arranged in group of 3 and competition was conducted. Group that scored lowest point was eliminated. The main aim of the training is to prepared and select students for upcoming LEGO EV3 competition.



31st August: Ideation, Electronic & Robotics Awareness workshop

A workshop on ideation, electronics & robotics was conducted by Innovation Hub, Arunachal Pradesh Science Centre at Govt. Upper Primary School, Bara Pani, Naharlagun. The main objective of the programme was to inculcate the young minds about innovation and basic electronics as per their syllabus to encourage them for a positive future in the field of science & technology.

Total Participants: 19



5. No. of creative projects undertaken along with the list:

A modified 'Arra' incorporated with solar mobile charger and baby carrier

Innovator name: Bengia Ama

Description:

In Arunachal Pradesh 'Arra' (Bamboo basket) is one of the peculiar items found among all the indigenous people for carry all kind of load. It has been observed that sometimes when they carry loaded 'Arra' they are facing problem to carry their baby simultaneously. So, the design it in such a way that it can be used for both the purposes. We have incorporated a baby carrier with it to resolve this problem. It is also observed that when tribal people visit Jungle to bring forest product or fire wood, sometimes they use to stay there for long time during that period if their mobile phone get discharge due to unavailability of current there, they cannot charge their mobile phone to contact with their family members in any kind of emergency or to convey any information. Hence to overcome from this problem it is equipped with a solar

Panel associated with mobile charger. At Koloriang most of the people are dependent on farming to earn money. Sometimes they are unable to give school Bag to their wards so this 'Arra' is design in such a way that it can be used as school bag or as general bag.

Material use to prepare 'Arra'

Bamboo, clothes, solar panel in corporate with mobile charger, Rope.



6. No. of best nominated projects along with the list:
7. No. of students participated:118
8. Name of the school groups participated:03
 - a. GOVT HSS Arunodya, Itanagar
 - b. GOVT HSS Ganga, Itanagar
 - c. GOVT UPS Bara Pani, Naharlagun
9. Whether formation of a local advisory committee comprising of members from different segments of the society is completed?
10. Whether network with communities has been set up?
11. Whether the information about your innovation hub has been included in the website of your centre/institution?
<http://ardst.arunachal.gov.in/innovation-hub/>
12. List out the challenging ideas received from idea box:
- 13.No. of family innovation contests organized with dates:
- 14.No. of parent child joint innovation projects organized along with the list:
- 15.No. of community innovation fairs organized (dates, duration, and list of activities):
- 16.No. of innovative design contests organized:
- 17.No. of short orientation camps for Civil servants and public administrators organized (dates & duration and list of activities):
- 18.No. of educational and research institutions, Science Clubs, NGOs, Corporate Bodies associated with the innovation hub:
- 19.A brief description on action taken for publicity and sponsorships for innovation hubs:
- 20.No. of innovative products developed for copyright/patent along with the list:
- 21.No. of Individual Members in the Innovation Hub: 73

22.No. of Institutional Members in the Innovation Hub:03

23.No. of students/teachers/parents/invited public who were exposed to the Innovation Hub during the month: 863